User Guide

Enter the login credentials to access the system.

Link to reset password.

Menu bar
- File   : Export details, Logout
- Go   : Navigate to other interfaces (Airport Manager and User Manager)
- Tools   : Reset system or view, switch between visualization tabs, view calculation breakdown and notification history
- Info   : System information such as project definition, user guide and copyright information
- View   : Switch color theme (color blind), interact with visualization (rotate or zoom)

To toggle between light and dark mode

Input and select options, click on 'Perform Recalculation' And view result.

To switch between visualizations

Info buttons

Calculation results

To reset calculator or reset views after panning or zooming

Notification history to check actions performed

Select an airport in the table to view its details

SEG Runway Project

File   Go   Info

MANAGE AIRPORT

Logged in as admin   LOGOUT

ID	NAME	MANAGER
LHR	Heathrow Airport	manager
DUM	Dummy Airport	jingru

Search for keywords

Search Airport

AIRPORT DETAILS

No content to display, select an airport to view airport details

ADD NEW AIRPORT

Import new airport through XML files

Choose File

MANAGE AIRPORTS

Select an airport in the table to delete

Delete Selected Airport

Edit Selected Airport Details

Select an airport in the table to edit details

Export Selected Airport Details

Export All Airport Details

Export airport details as TXT or XML files

Edit Airport Details

Airport Details

Airport Name: Heathrow Airport (LHR)

Manager: manager

Select a runway to edit

09R/27L

Click on the field to edit

Common TORA (m):   3660.0

Designator	TODA (m)	ASDA (m)	LDA (m)
09R	3660.0	3660.0	3353.0
27L	3660.0	3660.0	3660.0

Double click on the cell to edit parameter values

Save the changes and update new details

SAVE

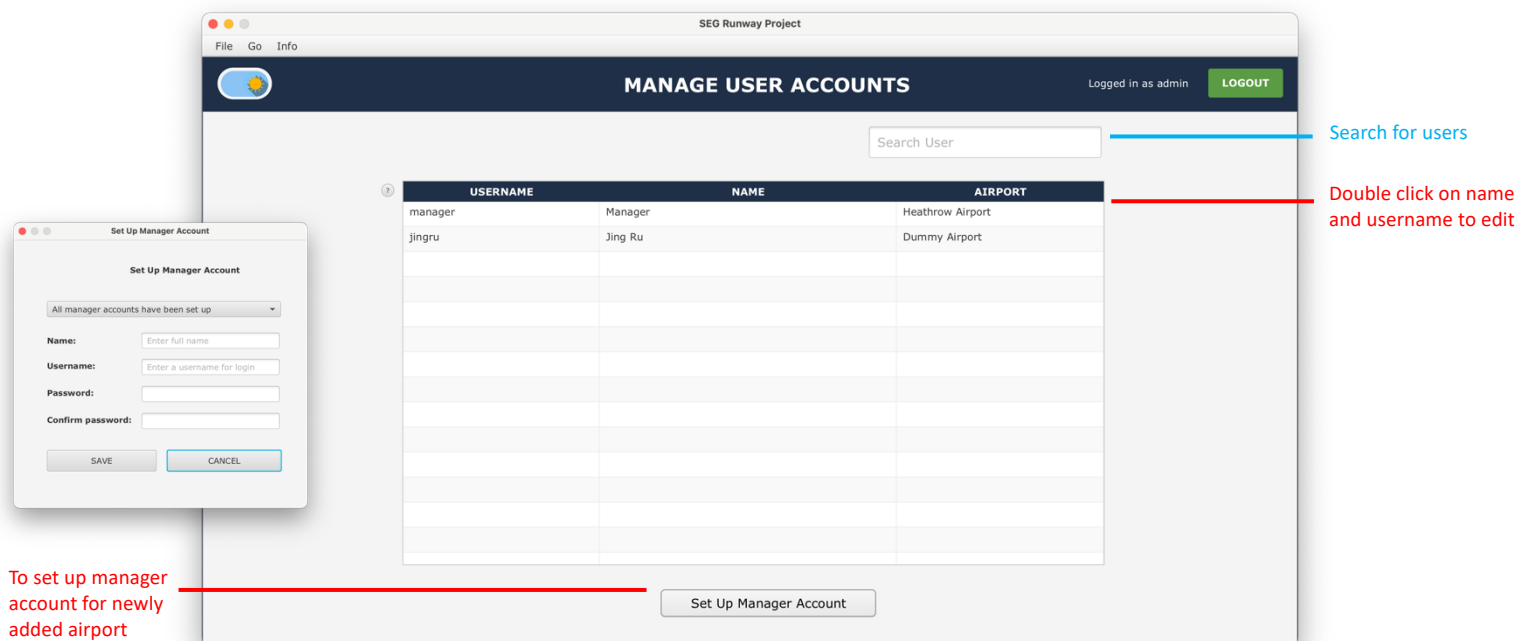CANCEL

Cancel and discard all changes
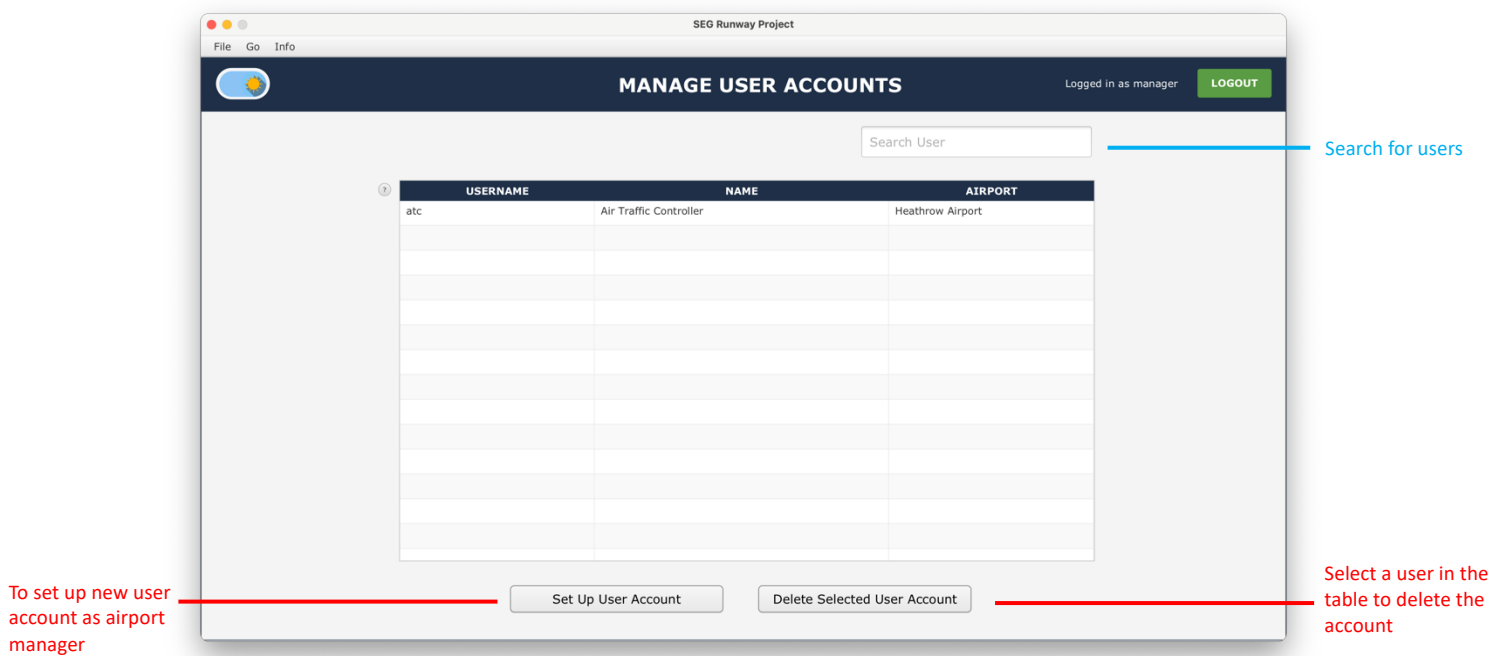
Figure 1 User manager for super admin

Figure 2 User manager for airport manager

Frequently asked questions

Q: Why am I not able to access the airport manager or user manager ?

A: We have implemented access control so that some users have limited access to functionalities like airport manager and user manager. If you do not have access to those two features, it is most likely that you are logged in as normal user who only has access to the calculator.

Q: As this is an expert system, and the main user of the system will be an air traffic controller which should only be someone with normal vision, so what is the purpose of implementing the color-blind feature in your system?

A: The development team have had a discussion on this matter. We too, feel like this feature will not be that useful with the same justification. Online materials posted by aviation authorities also suggest that an air traffic controller will be required to have normal vision. However, we feel that implementing this feature will not take much time and that this is one of the suggestions provided in the project definition, we have decided to include it as a part of our system.